

UROSKOP ACCESS

SP

Circuit Diagramm

37 83 300 Uroskop Access Serial No. from 01140

02	115 498	Löblein	05	--	--	08	--	--
01	115 410	Löblein	04	134 460	Beierlorzer	07	--	--
00	n.a.	Löblein	03	124 759	Kötzner	06	--	--
V	Change No.	Name	V	Change No.	Name	V	Change No.	Name

<div>SIEMENS AG</div> <div>Bereich Medical Solutions</div>	Wiring Diagramm				
	Document	Class	Index	Version	Type No.
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SIEMENS MED P41 : 3783300 ESP 01S 04  
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Author: 2004-05-25,Koetzner,Karl  
Approval:2004-05-26,Hutter,Michael

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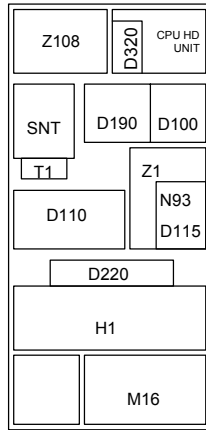
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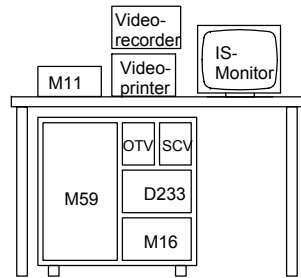
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### Polydoros SX / Power Unit



### BS-Container / Imaging System-Container



### Gerät / unit

M1	Elektronikeinheit / electronics unit
M2	Gerätefuß, Umrichter / floor stand
M3	Geräteträger / unit support
M4	Kassettenbox / cassette-box
M5	Patientenlagerung / patient support system
M7	Säule / column
M9	Strahlereinheit / tube assembly
T1	Transformator / transformer
Z66	Tiefenblende / collimator
H11	Strahler / tube
BV / II	Bildverstärker / image intensifier
D1	BUC / Basic unit controller

### Leistungseinheit / Power unit Polydoros SX

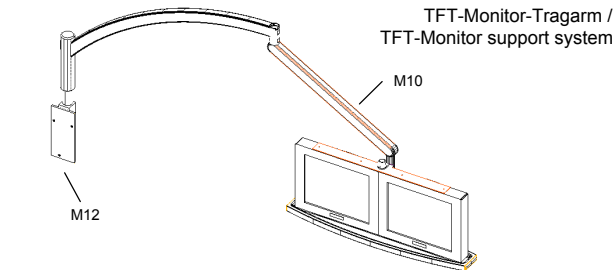
N10	CPU HD UNIT XCU
SNT	Schaltnetzteil / chopped power supply
T1	Transformator / transformer
D190	Iontomat PN
D100	Masterplatine / master pc board
D110	Wechselrichter / inverter
Z1	Netzfilter / mains filter
N93	Anlaßgerät / starter
D220	Heizplatine / filament pc board
H1	Hochspannungserzeuger / high-voltage generator
M16	Netzgang / power line connection
Z108	BV-Spannungsversorgung / I.I. power supply

### TFT-Monitor-Tragarm / TFT-Monitor support system

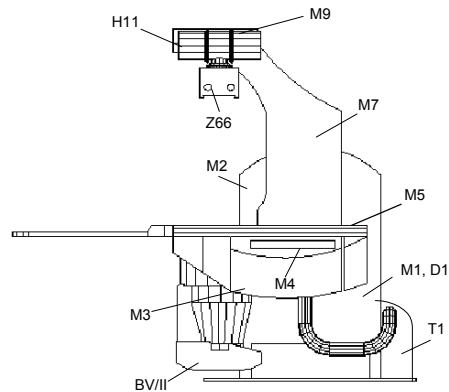
M10	Tragarm / support system
M12	Tragarm-Schnittstelle / TFT connection

### BS-Container / Imaging System-Container

M59	Bildsystem / imaging system
M11	Bedienpanel / operating panel
M16	Netzteil / power pack
D233	Videoverteiler / video distributor
OTV	Optische Videotrennung / optical isolation amplifier
SCV	Scan converter

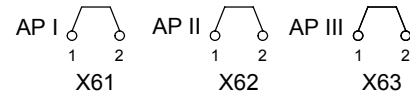


Gerät / unit

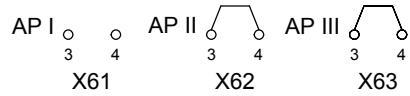


## Polydoros SX

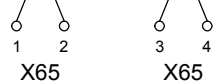
### D160



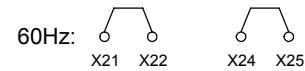
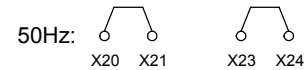
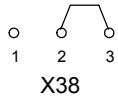
mit Öldruckschalter mit/ohne Türkontakt  
 with oil pressure switch with/without door contact



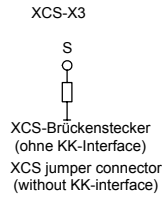
ohne X-RAY Disable ohne Notstrom  
 without X-RAY Disable without emergency power supply



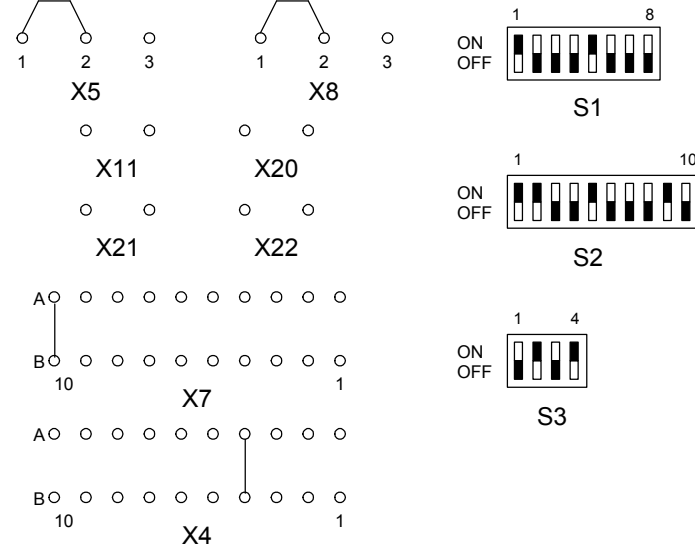
Strahlungsanzeige nur bei Strahlung  
 radiation display only when radiation is on



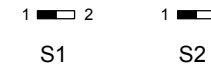
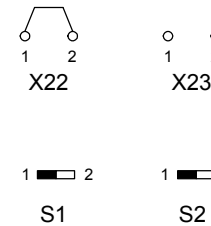
### D320



## D100 COM-Controller (XCU)



## D100 (BV-Kameraadapter) II-Camera adaptor

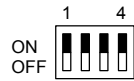


## D1, Basic Unit Controller (BUC)



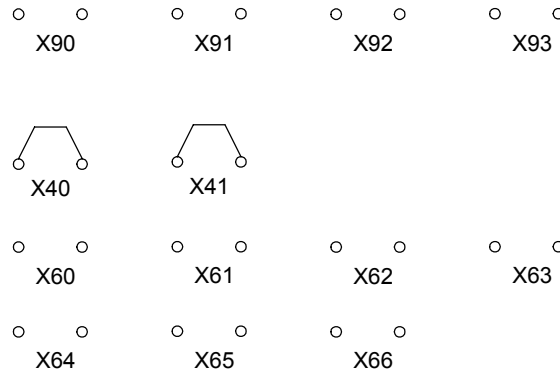
D1.S4

Node ID



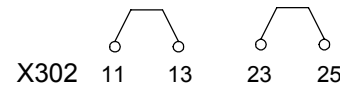
D1.S3

CAN  
Baudrate

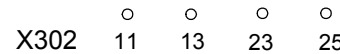


## D1, Basic Unit Controller (BUC)

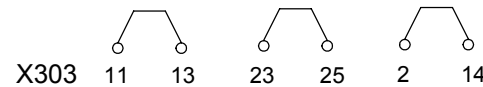
ohne Nahbedienung am Bedienpanel M11  
without remote control at operating panel M11



mit Nahbedienung am Bedienpanel M11  
with remote control operating at panel M11



ohne Systemfußschalter  
without system foot switch

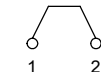


## Tiefenblende Collimator

ohne DSA:



D1.S2



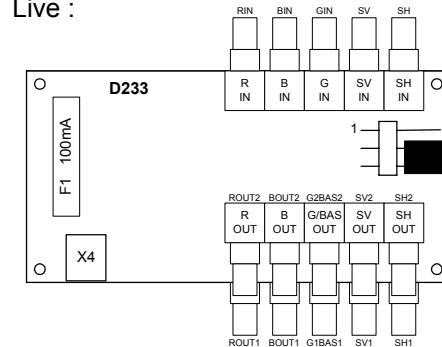
D1.X12



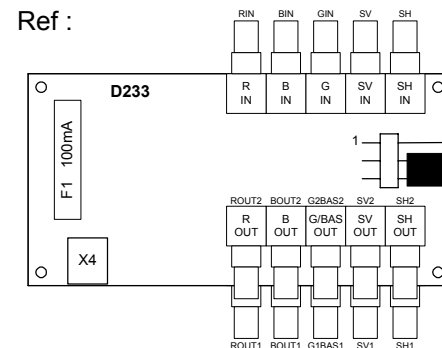
D2.S1

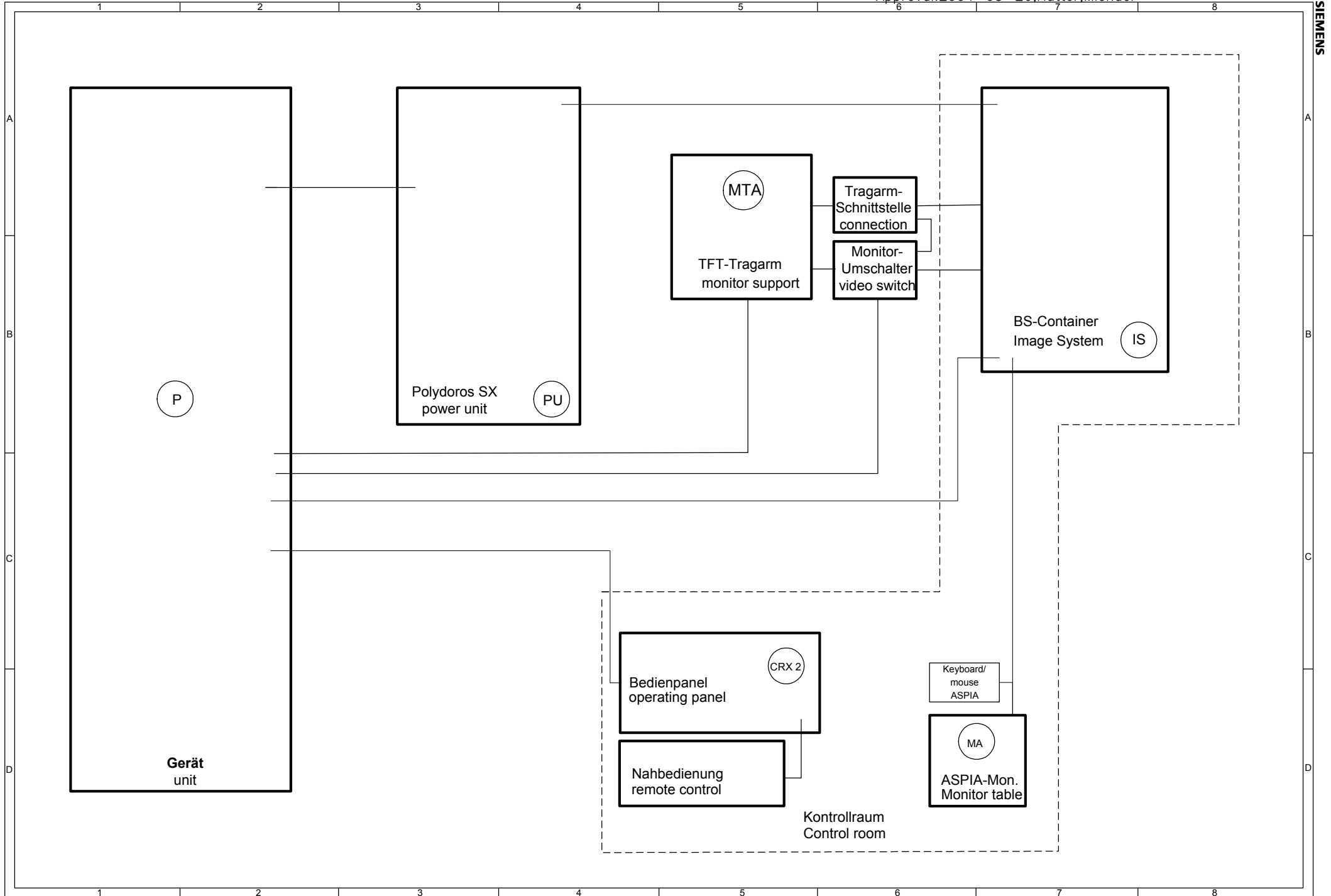
## D233 Bildsystemcontainer imaging system container

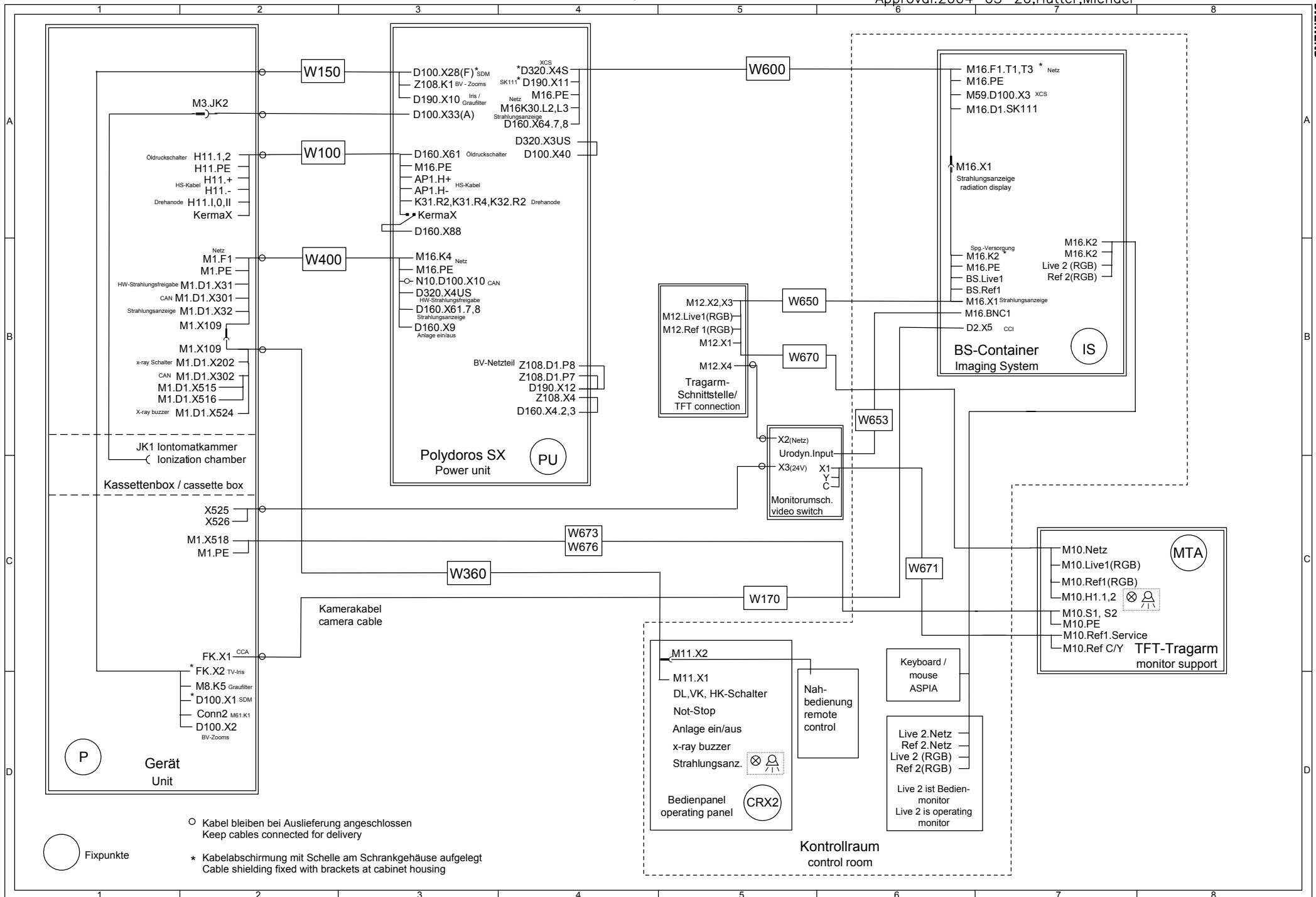
Live :

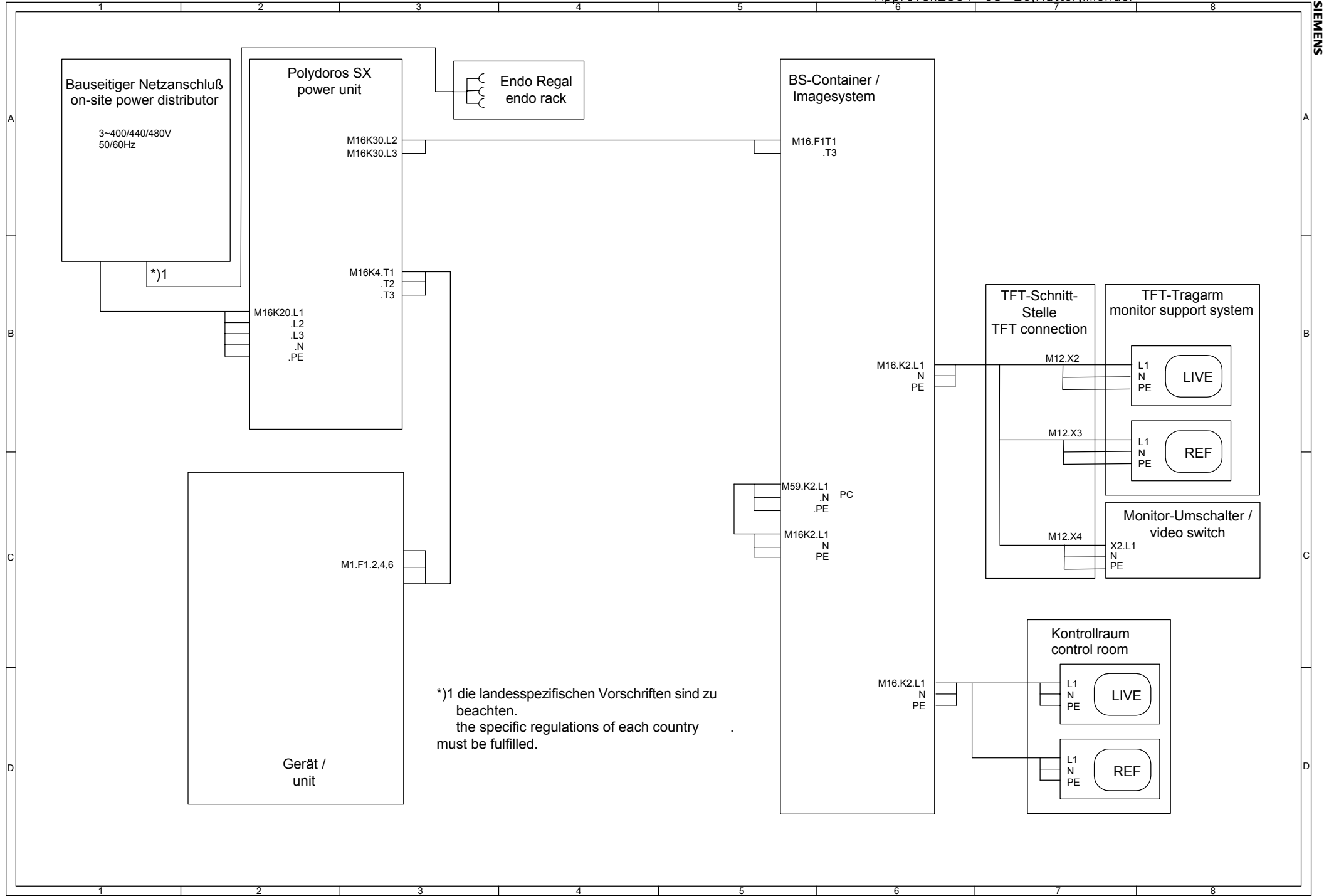


Ref :

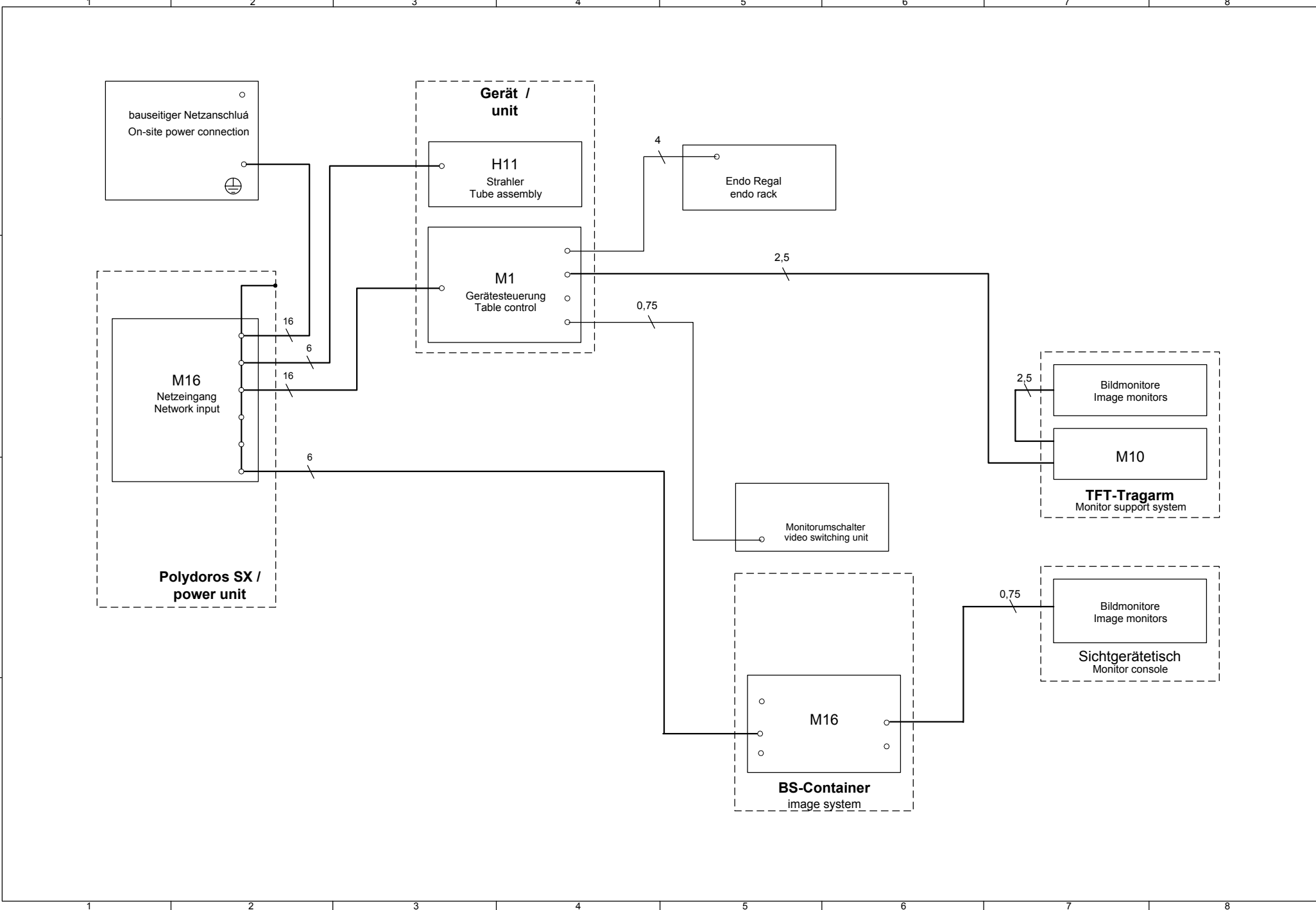








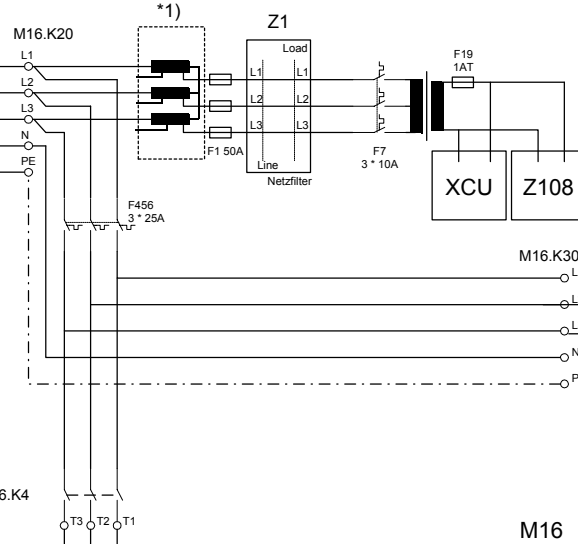




### Bauseitiger Netzanschluß on-site power distributor

3~400/440/480V  
50/60Hz

### Polydoros SX / power unit



\*1) Vortrafo bei 440 V / 480V

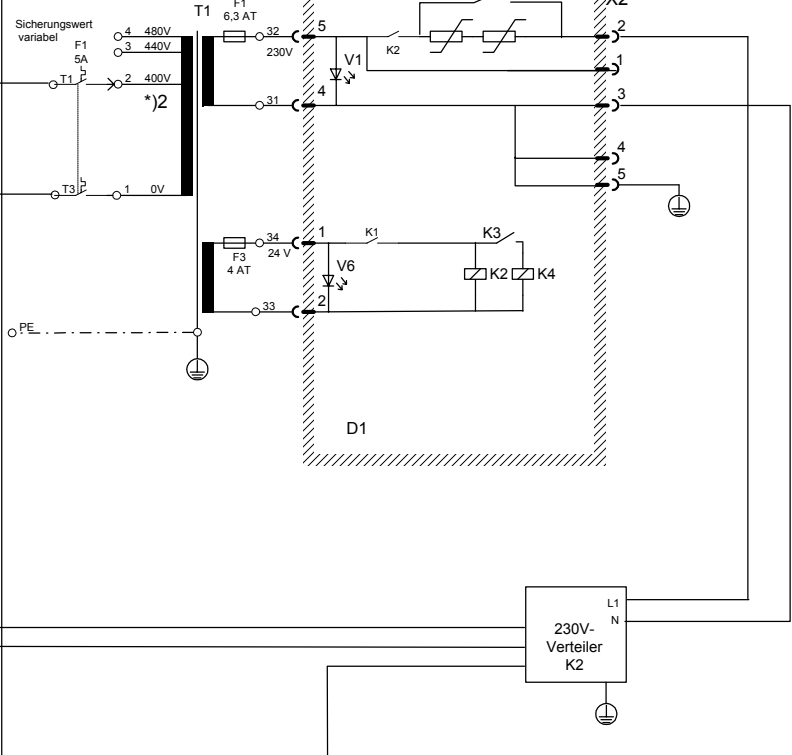
\*2) Anschluß entsprechend  
der Netzspannung.  
Connection according to  
mains voltage.

### Gerät / unit

M1

### BS-Container / Imagesystem

M16



### Kontrollraum control room

Live (L,N,PE)  
Ref (L,N,PE)

### Monitor-Umschalter video switch

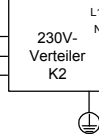
X2 (L,N,PE)

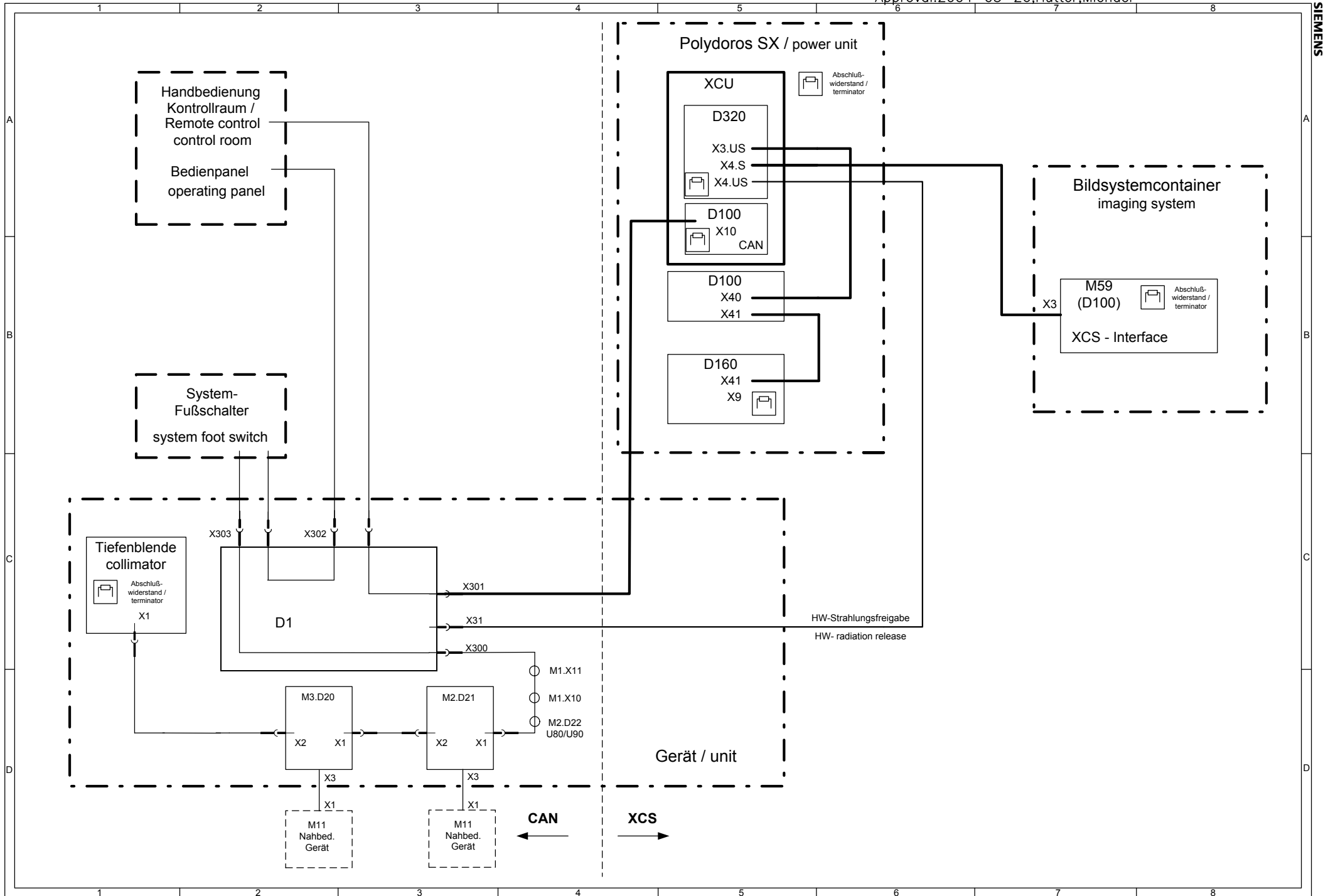
### Tragarm-Schnittstelle Monitor support connector M12

M12.X4  
M12.X3  
M12.X2

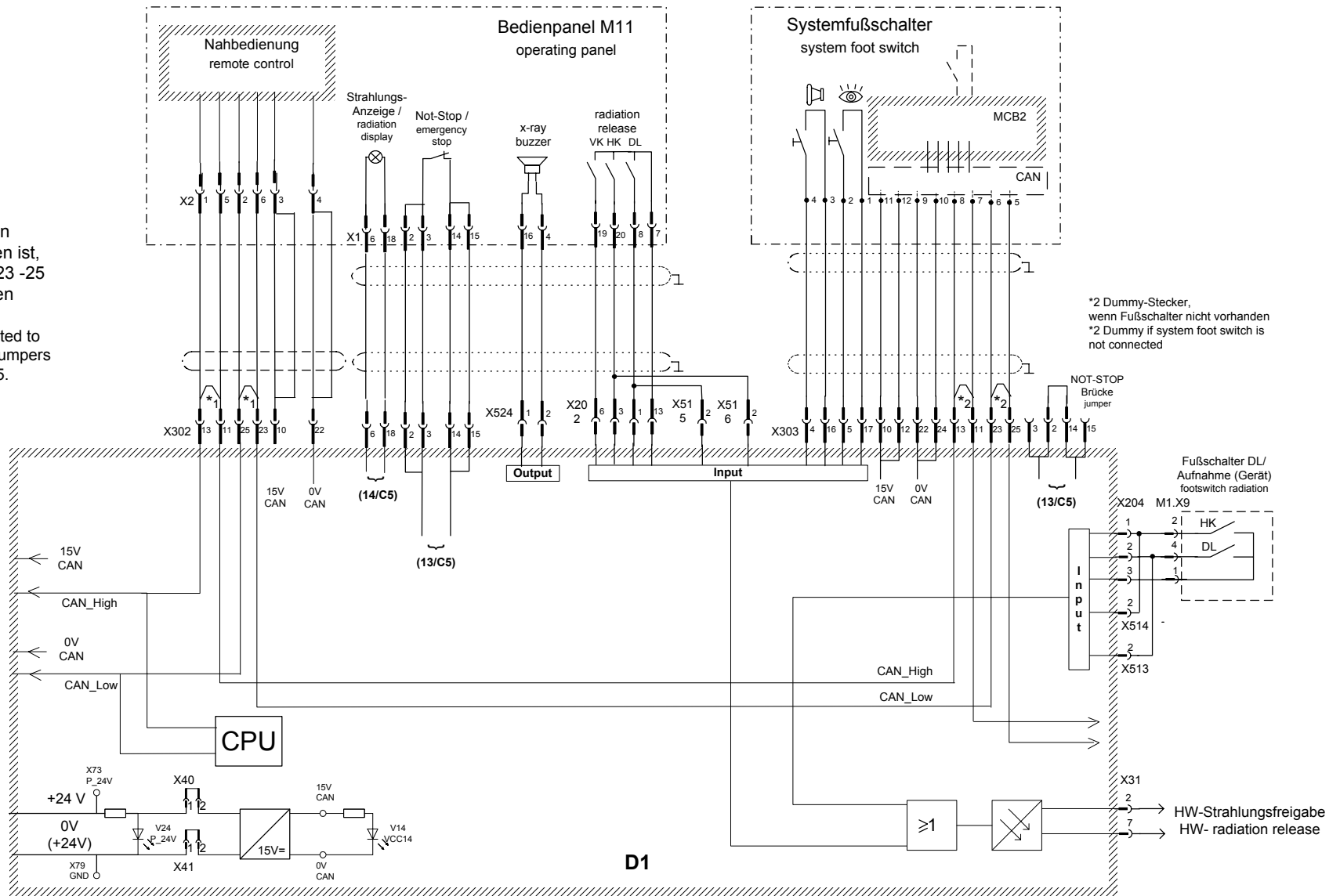
### TFT-Tragarm M10 Monitor support system

M10.Live (L,N,PE)  
M10.Ref (L,N,PE)

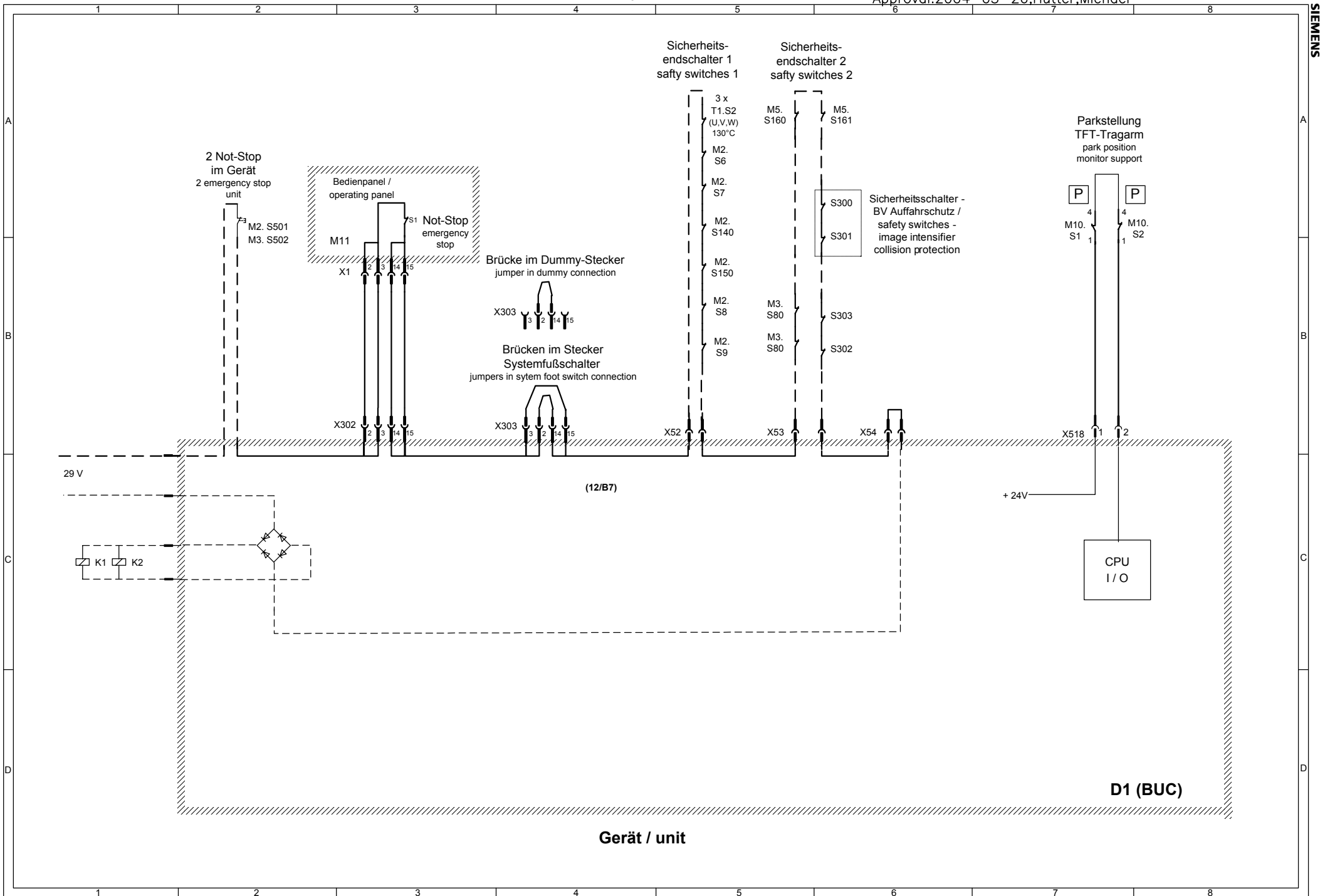


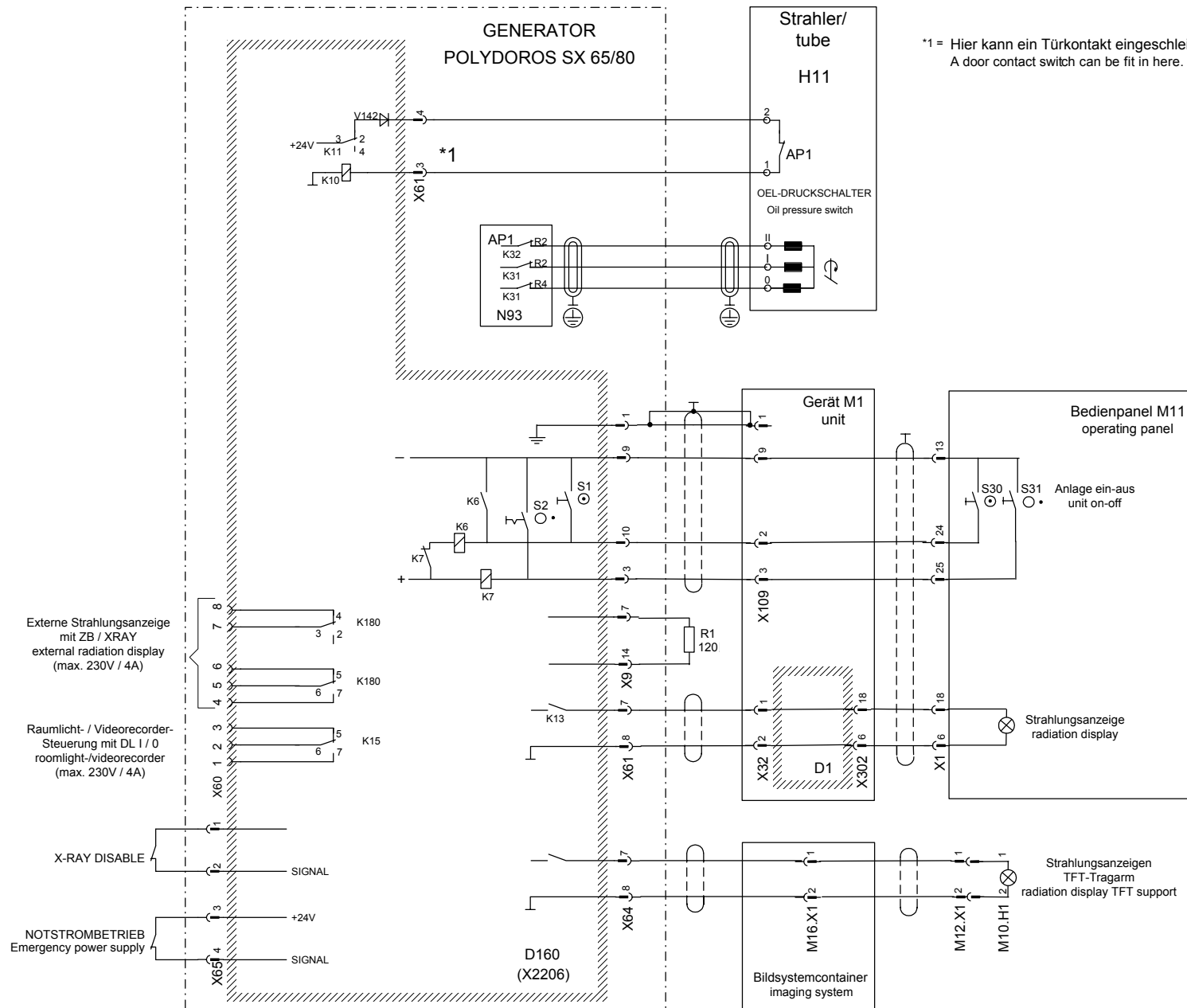


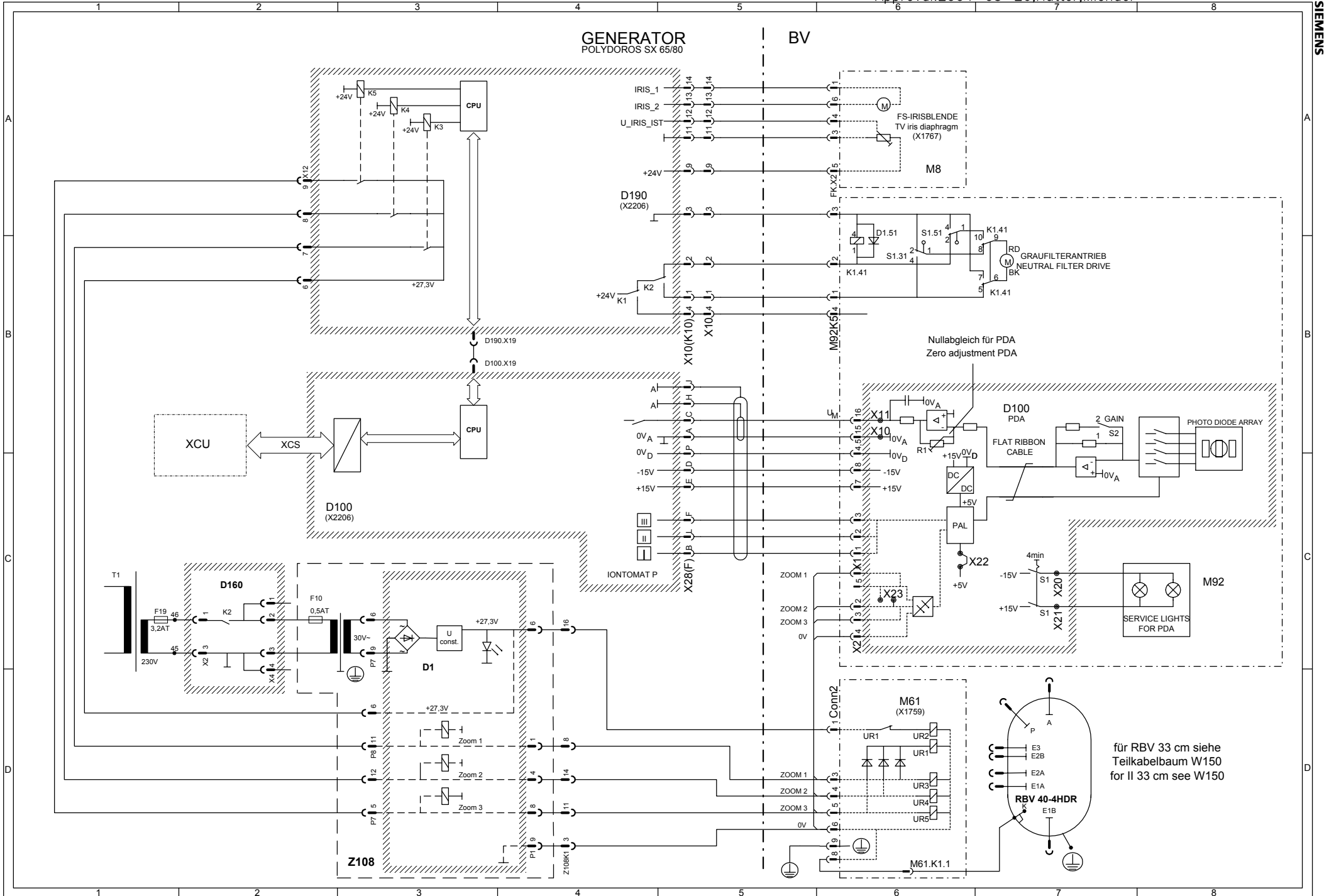
\*1 wenn Handbedienung an Bedienpanel angeschlossen ist, dann Brücken 11 -13 und 23 -25 an M1. D1. X302 auftrennen und isolieren !  
\*1 if remote control is connected to operating panel, disconnect jumpers M1.D1.X302.11-13 and 23-25. Isolate next.

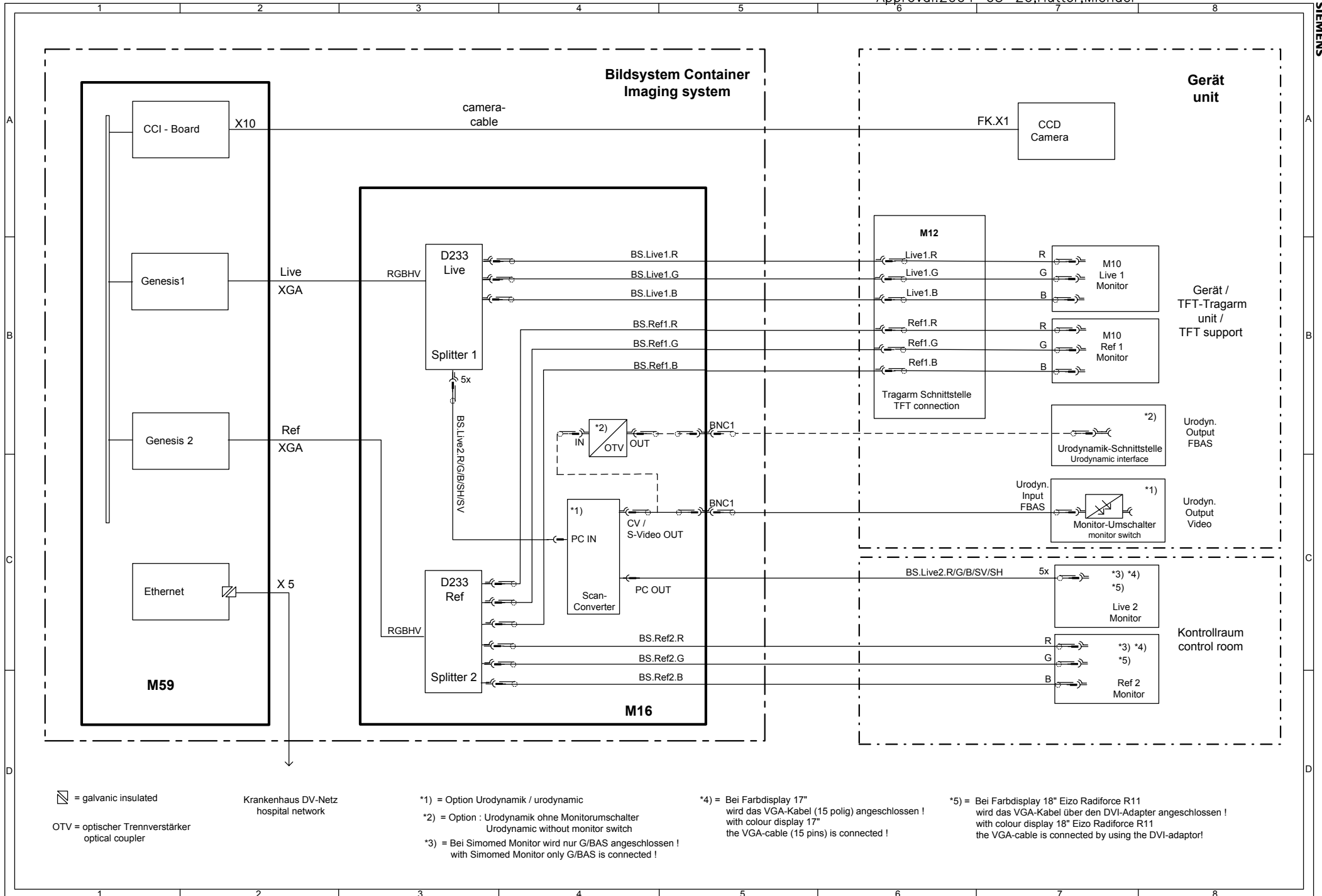


Gerät  
table

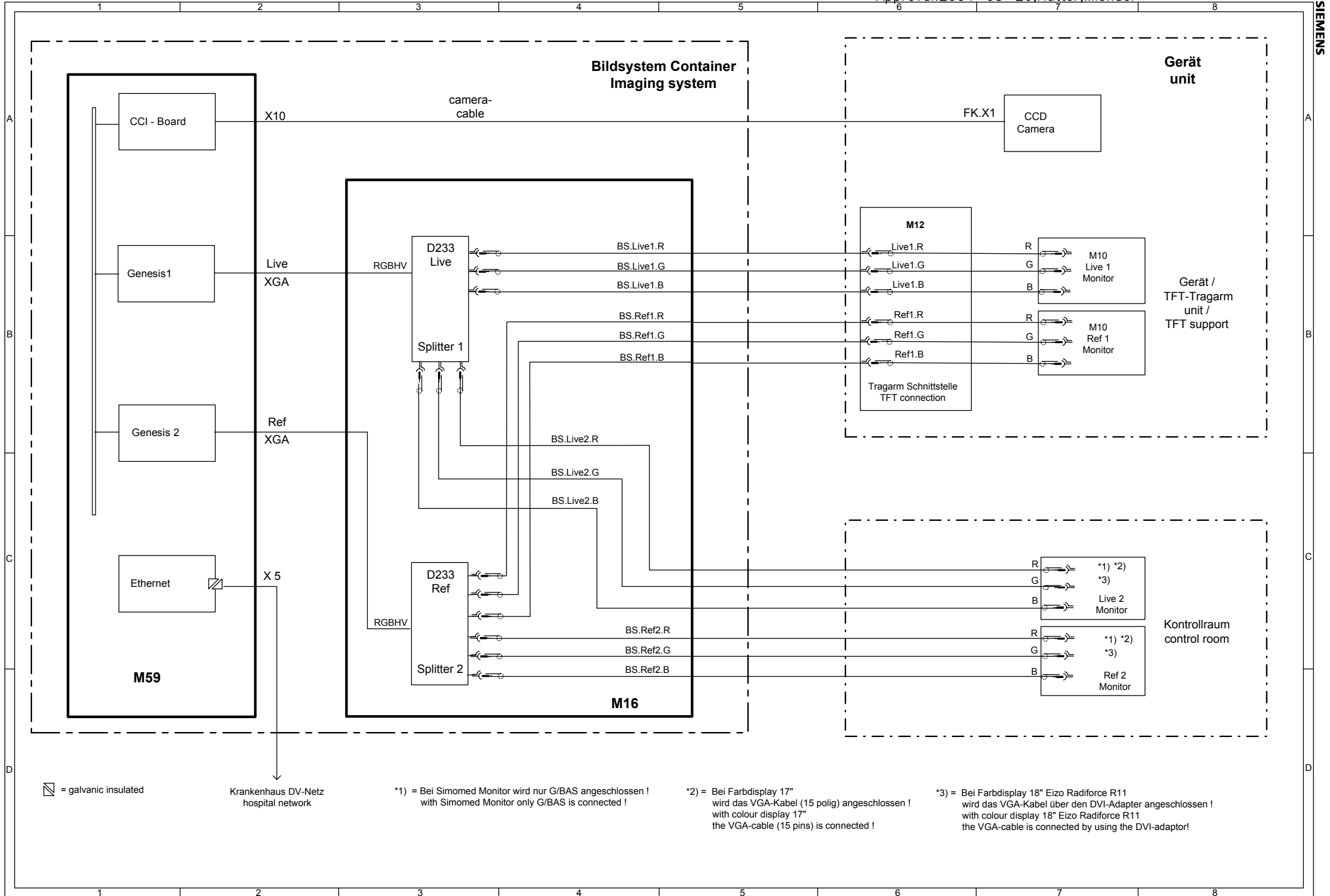


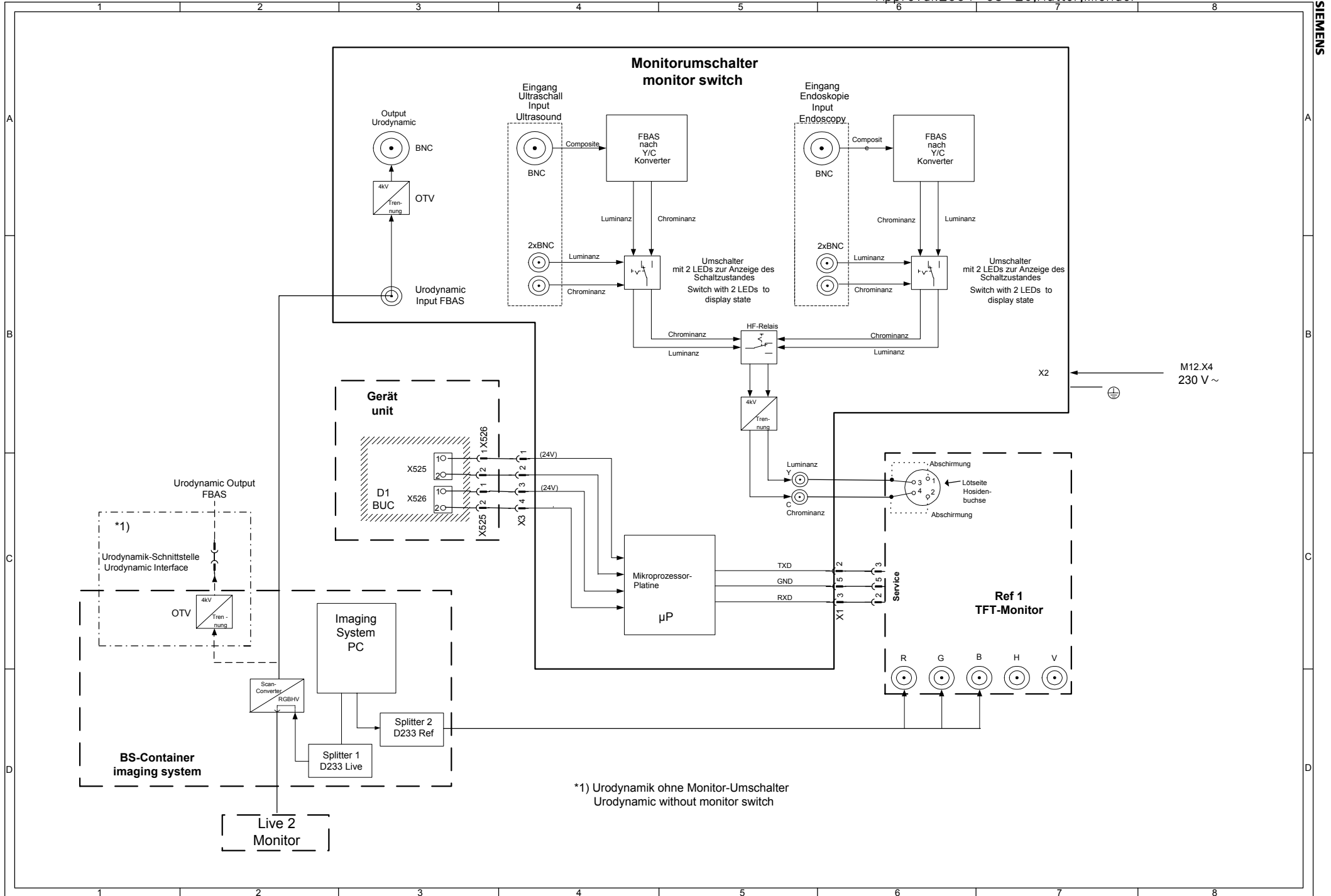


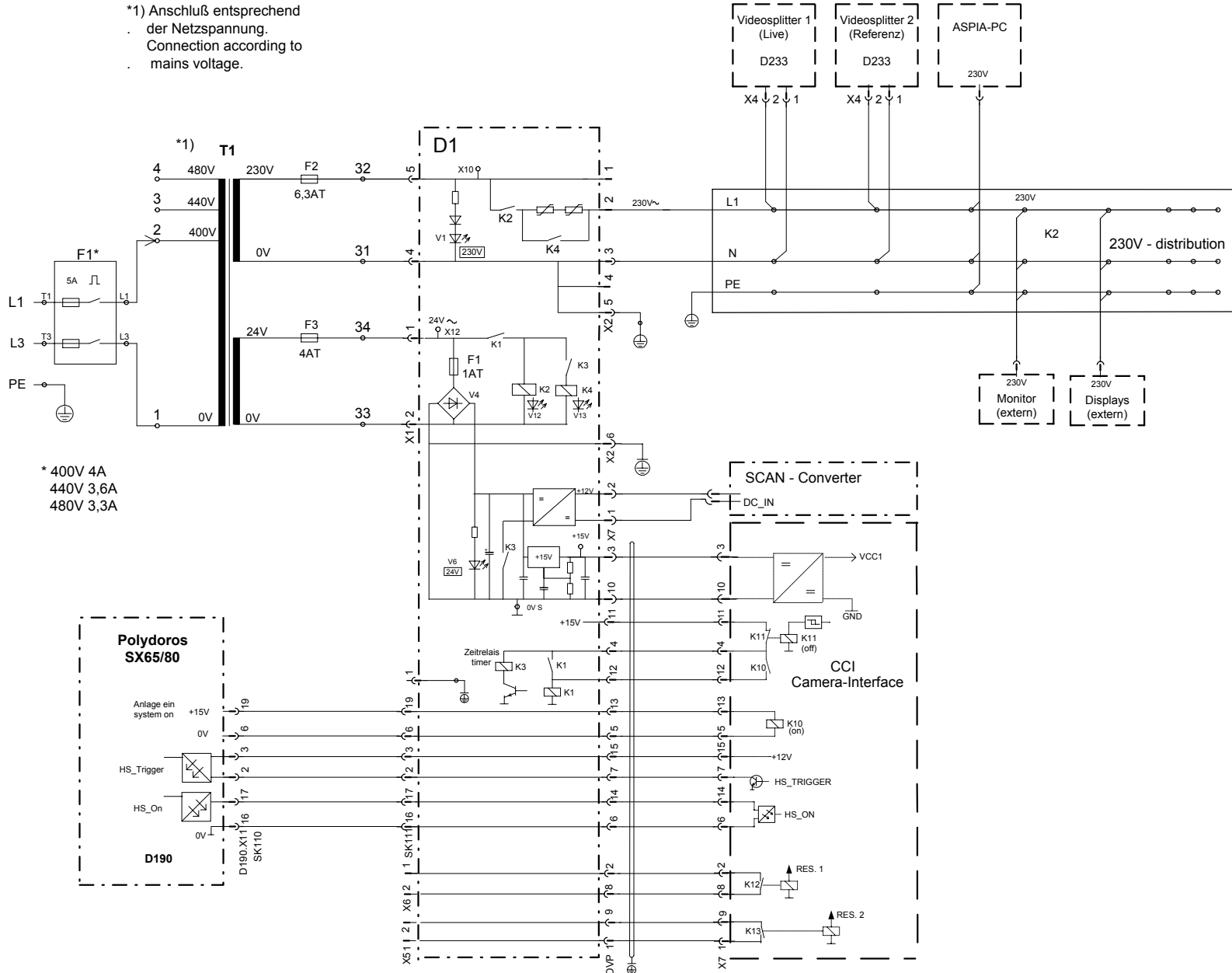








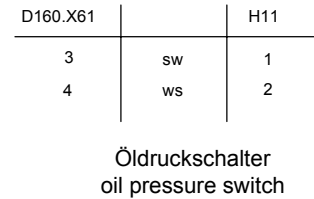
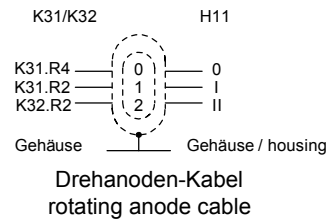




## Teilkabelbaum W100

### Partial cable harness W100

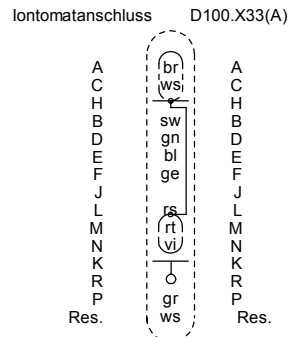
Gerät / unit		Generator / power unit	
H11.+	W101	AP1.H1.+	HS-Kabel
H11.-	W102	AP1.H1.-	PE
H11.PE	W103	M16.K20.PE	Öldruckschalter
H11,1.2	W104	D160.X61	Drehanode
H11.X2	W105	K31/K32	KermaX
KermaX	W106	Stecker	



## Iontomatkabel-Kassettenbox

### Iontomat cable - cassette box

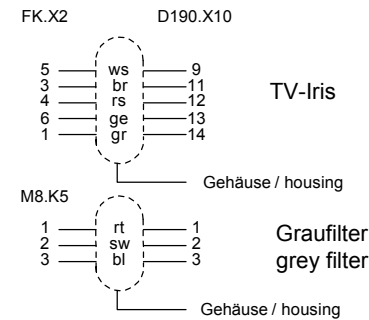
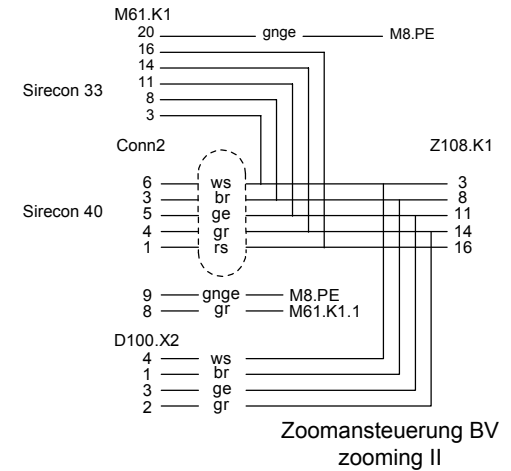
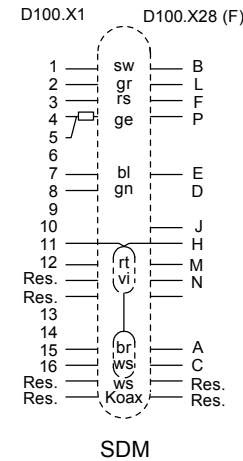
Gerät / unit		Generator / power unit
Iontomatanschluss		D100.X33 (A)



## Teilkabelbaum W150

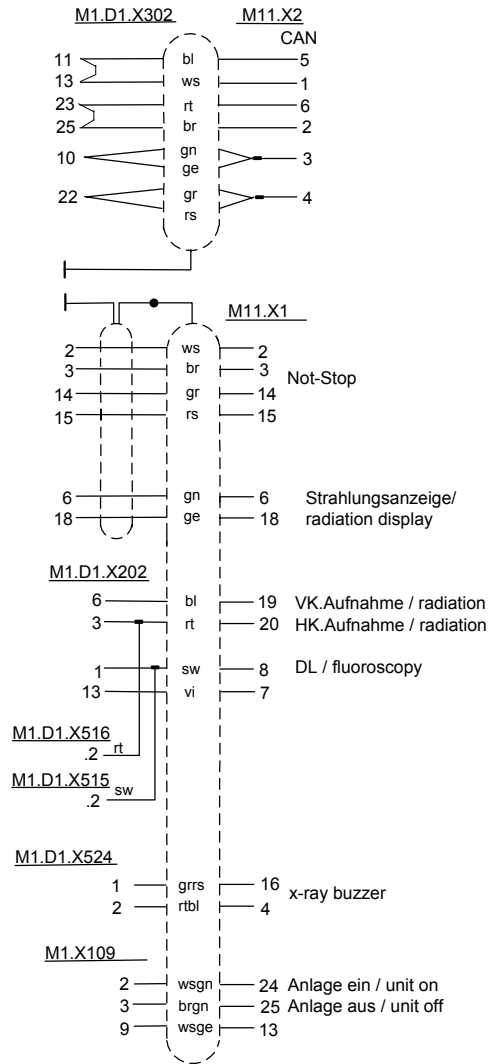
### Partial cable harness W150

Gerät (BV) /unit		Generator /power unit	
D100.X1	W158	D100.X28	SDM
M8.K5	W160	D190.X10	Graufilter
FK.X2	W161	D190.X10	TV-Iris
Conn2 / D100.X2 / M61.K1	W162	Z108.K1	BV Zoom
FK.X1	W170	D2.X5 Bildsystem	Kamerakabel



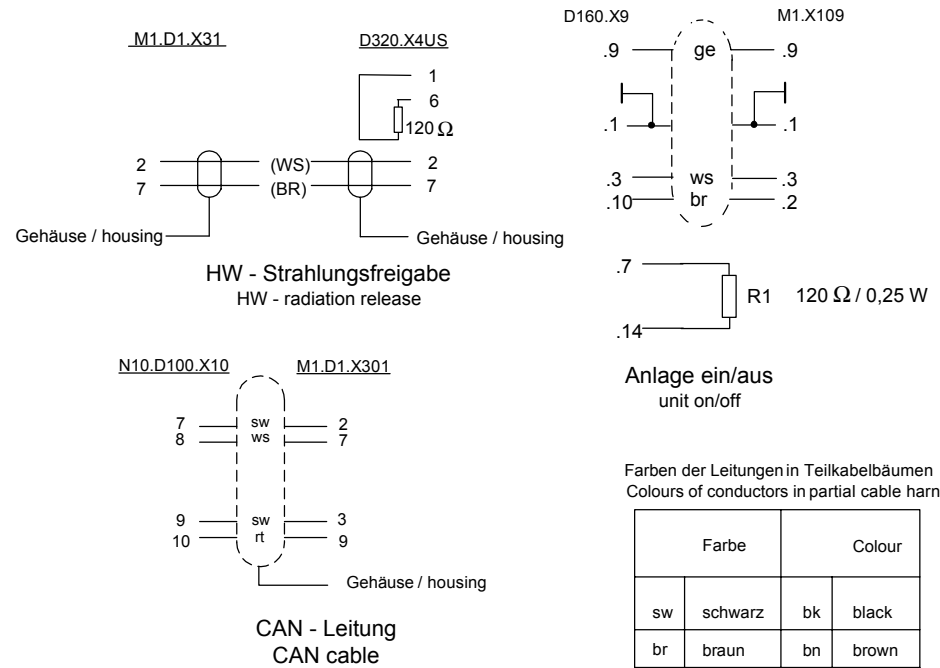
Teilkabelbaum = Partial cable harness  
Zipperschlauch = Zipper hose  
siehe Tabelle = see table  
NK (Netzkabel) = Power cable  
SL (Schutzleiter) = Ground wire  
Steckergehäuse = Connector housing

## Teilkabelbaum W360 Partial cable harness W360



## Teilkabelbaum W400 Partial cable harness W400

Gerät (M1) / unit		Generator / power unit
M1.F1.2,4,6	W401	M16.K4.T1,T2,T3
M1.PE	W402	M16.PE
M1.D1.X31	W403	D320.X4US
M1.D1.X301	W404	N10.D100.X10
M1.D1.X32	W405	D160.X61
M1.X109	W406	D160.X9



Farben der Leitungen in Teilkabelbäumen  
Colours of conductors in partial cable harness

Farbe		Colour	
sw	schwarz	bk	black
br	braun	bn	brown
rt	rot	rd	red
ge	gelb	ye	yellow
gn	grün	gn	green
bl	blau	bu	blue
vi	violett	vt	violet
gr	grau	gy	grey
ws	weiss	wh	white
rs	rosa	pk	pink

Teilkabelbaum = Partial cable harness  
Zipperschlauch = Zipper hose  
siehe Tabelle = see table  
NK (Netzkabel) = Power cable  
SL (Schutzleiter) = Ground wire  
Steckergehäuse = Connector housing

### Teilkabelbaum W650 Partial cable harness W650

BS-Container imaging system		Tragarm-Schnittstelle TFT connection	Monitorumschalter video switch
M16.K2 BS.Live1.R,G,B BS.Ref1.R,G,B M16.X1 M16.BNC1	W652 W654a W654b W655 W653	M12.X2,X3,X4 M2.Live1.R,G,B M2.Ref1.R,G,B M12.X1 ---	Urodyn. FBAS

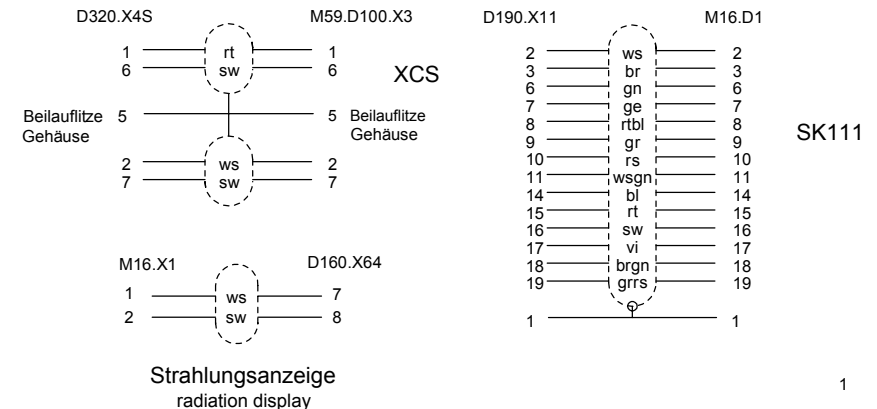
### Teilkabelbaum W670 Partial cable harness W670

Schnittstelle M12 TFT connection		TFT-Tragarm TFT support
Mon.-Umsch. X1 Mon.-Umsch. Y,C M12.X2,X3 M1.PE M12.Live1.R,G,B M12.Ref1.R,G,B M12.X1 M1.X518	W671 W671 W672 W673 W674A W674B W675 W676	M10.Ref1.Service M10.Ref1.Y,C M10.Live,Ref Monitor.PE M10.Live1.R,G,B M10.Ref1.R,G,B M10.H1 M10.S1, S2

Teilkabelbaum	=	Partial cable harness
Zipperschlauch	=	Zipper hose
siehe Tabelle	=	see table
NK (Netzkabel)	=	Power cable
SL (Schutzleiter)	=	Ground wire
Steckergehäuse	=	Connector housing

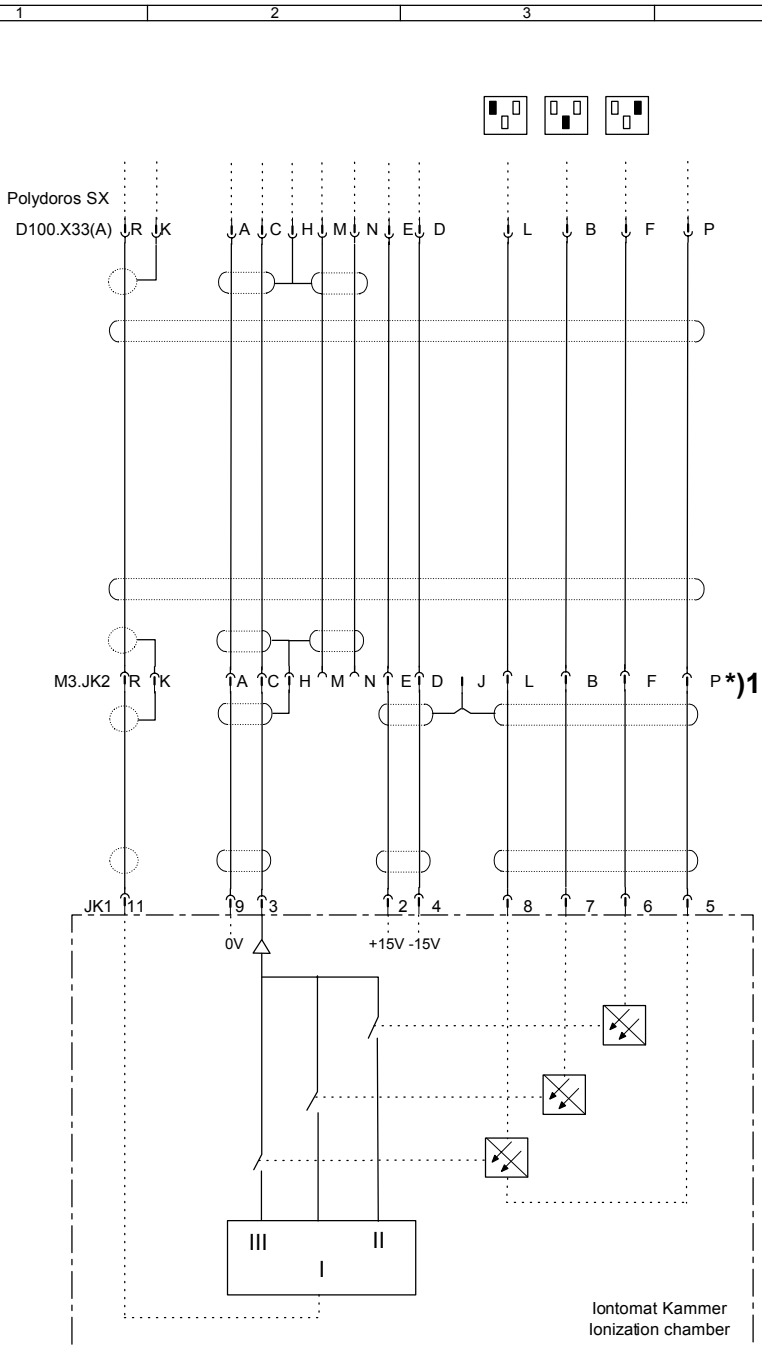
### Teilkabelbaum W600 Partial cable harness W600

Generator power unit		BS-Container imaging system
D320.X4S D190.X11 M16.K30.L1,L2 M16.PE D160.X64.7,8	1 2 3 4 5	M59.D100.X3 (XCS) M16.D1 (SK111) M16.F1 M16.PE M16.X1 Strahlungsanz.

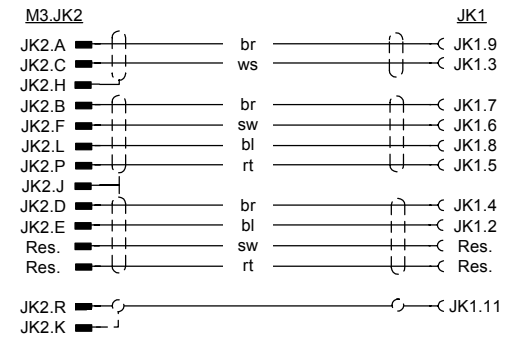
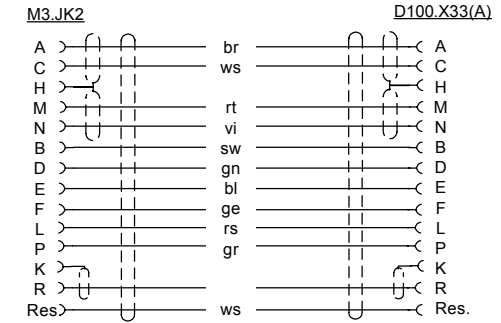


### Kabelsatz für Monitore Kontrollraum wiring for monitors in control room

BS-Container imaging system		Kontrollraum control room
M16.K2 M16.K2 BS.Live2.R,G,B BS.Ref2.R,G,B	1 2 3 4	Live2.Netz Ref 2.Netz Live2.R,G,B Ref2.R,G,B



### Links-Anlage : left hand version :



**\*)1 bei Rechts-Anlage M3.JK2.L(bl) und F(sw) getauscht !**  
**at the right-hand version M3.JK2.L and F exchanged !**